



# PUBLIC NOTICE

File Number: NRS 15.290

Pursuant to Chapters 0400-40-03 and 0400-40-07 of the Department's rules, the proposed activity described below has been submitted for approval under an Aquatic Resource Alteration Permit and Section 401 Water Quality Certification. This notice is to inform interested parties that the Department proposes to issue a permit authorizing the activity described below, which will cause degradation above a *de minimis* level to a section of the Tennessee River classified as an Exceptional Tennessee Water.

**APPLICANT:** John C. Kammeyer  
Tennessee Valley Authority (TVA)  
1101 Market Street, LP 5D  
Chattanooga, TN 37402  
423-751-8246

**LOCATION:** TVA Watts Bar Fossil Plant  
Spring City, Rhea County, TN  
Tennessee River Watershed  
Latitude: 35.6043      Longitude: -84.7786

**PROJECT DESCRIPTION:** The applicant is proposing to use class B riprap and #57 stone to stabilize 1,100 feet of stream bank along the right descending bank of the Tennessee River at River Mile 529 in Rhea County, Tennessee. The applicant is proposing the use of riprap to provide erosional protection for the Watts Bar Facility Ash Pond, which is located adjacent to the proposed project location.

## IMPACTS:

**STR 1**– Stream 1 was identified as the Tennessee River. The applicant proposes to install an additional 1,100 feet of class B riprap and # 57 stone along the right descending bank. The applicant has previously installed 300 feet of riprap immediately upstream and 800 feet of riprap immediately downstream of the proposed project location.

**Stream Name / ID #:** Tennessee River/TN06020001020\_1000

**Ecoregion:** 67f

**Assessment Date:** 5/26/2011

## Designated Use

Fish and aquatic life

Irrigation

Livestock watering & wildlife

## Use Support

Fully Supporting

Fully Supporting

Fully Supporting

Recreation	Fully Supporting
Industrial Water Supply	Fully Supporting
Domestic Water Supply	Fully Supporting

**DEGRADATION:** In accordance with the Tennessee Antidegradation Statement (Rule 0400-40-03-.06), the Department has determined the proposed activity will result in degradation to water quality above a *de minimis* level. The Department has determined that degradation of an Exceptional Tennessee Waters above the level of *de minimis* is necessary in this case to accommodate important economic or social development in the area. The department has determined that reasonable alternatives to degradation are not feasible, and the degradation will not violate the water quality criteria for uses existing in the receiving waters.

**WATERSHED / WATERBODY DESCRIPTION:** The Tennessee River at this river segment is classified as an Exceptional Tennessee Water based on the presence of the state and federally listed endangered species. The segment of the Tennessee River is located within the Southern Limestone/Dolomite Valleys and Low Rolling Hills Ecoregion (67f). This section of the Tennessee River is within Group 3 of the Lower Tennessee River Watershed. Group 3 of the Lower Tennessee River Watershed encompasses nine counties and drains approximately 757 square miles within Tennessee. For more information on this watershed please visit <http://www.tennessee.gov/environment/article/wr-ws-lower-tennessee-river-watershed>.

**PERMIT COORDINATOR:** Robert Wayne

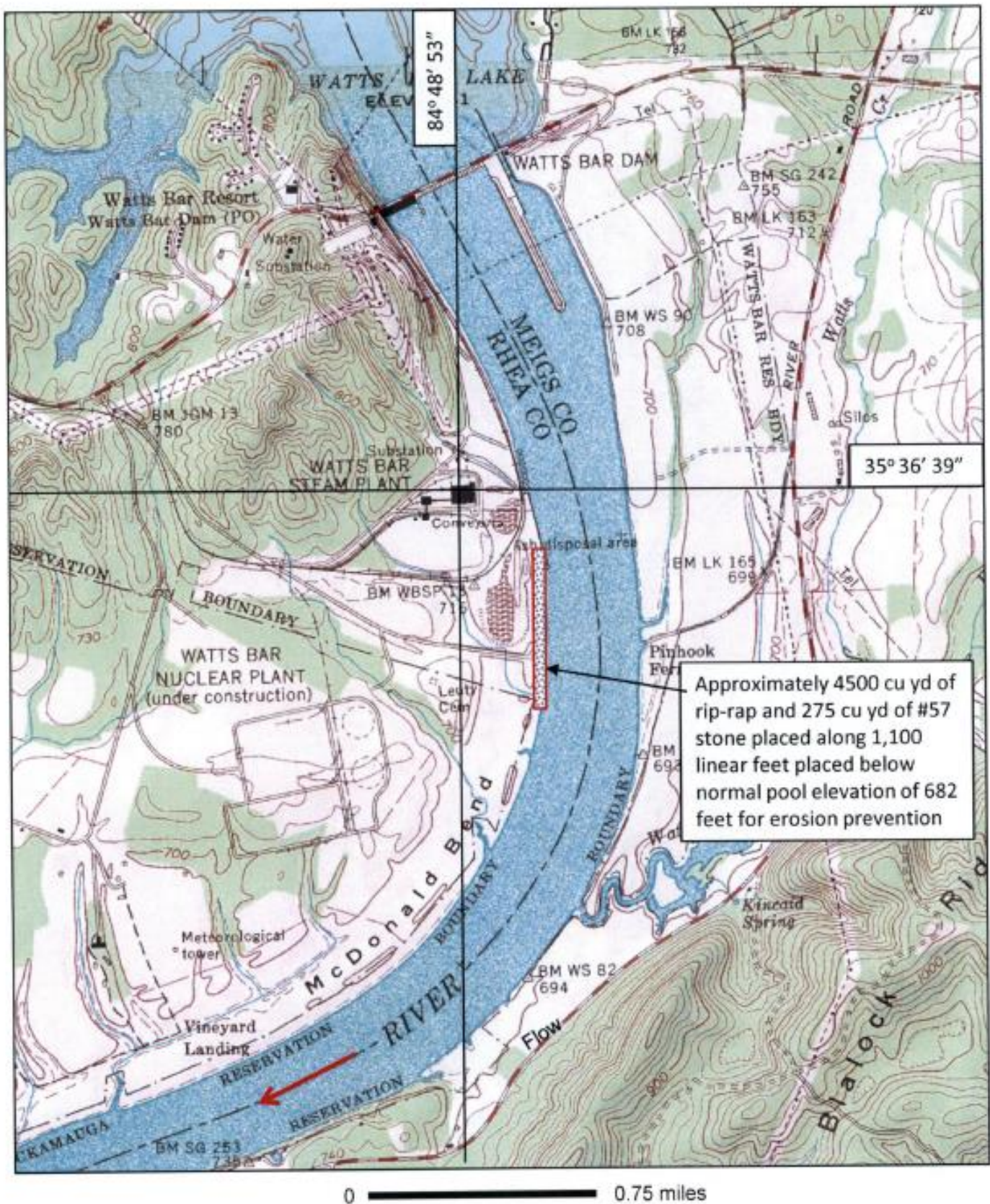
**FACTORS CONSIDERED:** In deciding whether to issue or deny a permit, the Department considered all comments of record and the requirements of applicable federal and state laws. In making this decision, a determination was made regarding the lost value of the resource compared to the value of any proposed mitigation. The Department considered all practicable alternatives to the alteration and the necessity of the activity to accommodate important socioeconomic development. The Department also considered loss of waters or habitat, diminishment in biological diversity, cumulative or secondary impacts to the water resource, and adverse impact to unique, high quality, or impaired waters.

**APPEAL:** The Department's determination that degradation of Exceptional Tennessee Waters resulting from the proposed habitat alteration is necessary to accommodate important economic or social development in the area is subject to review by the Board of Water Quality, Oil and Gas (the Board). Pursuant to T.C.A. § 4-5-223 and Rule 0400-40-03-.06(4)(d), any affected intergovernmental coordination agency or affected third person may petition the Board for a declaratory order and the Board shall convene a contested case. This petition must be filed within THIRTY (30) DAYS after this notification. The petition must specify what provisions are being appealed and the basis for the appeal. It should be addressed to the technical secretary of the Tennessee Board of Water Quality, Oil and Gas at the following address: Tisha Calabrese Benton, Director, Division of Water Resources, William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Ave, 11<sup>th</sup> floor, Nashville, TN 37243. Any hearing would be in accordance with T.C.A. §§ 69-3-110 and 4-5-301 et seq.

**FILE REVIEW:** The permit application, supporting documentation including detailed plans and maps, and related comments are available at the department's address (listed below) or the Department's [website](#) for review and/or copying.

Tennessee Department of Environment & Conservation  
Division of Water Resources, Natural Resources Unit  
William R. Snodgrass Tennessee Tower  
312 Rosa L. Parks Avenue, 11th Floor  
Nashville, Tennessee 37243

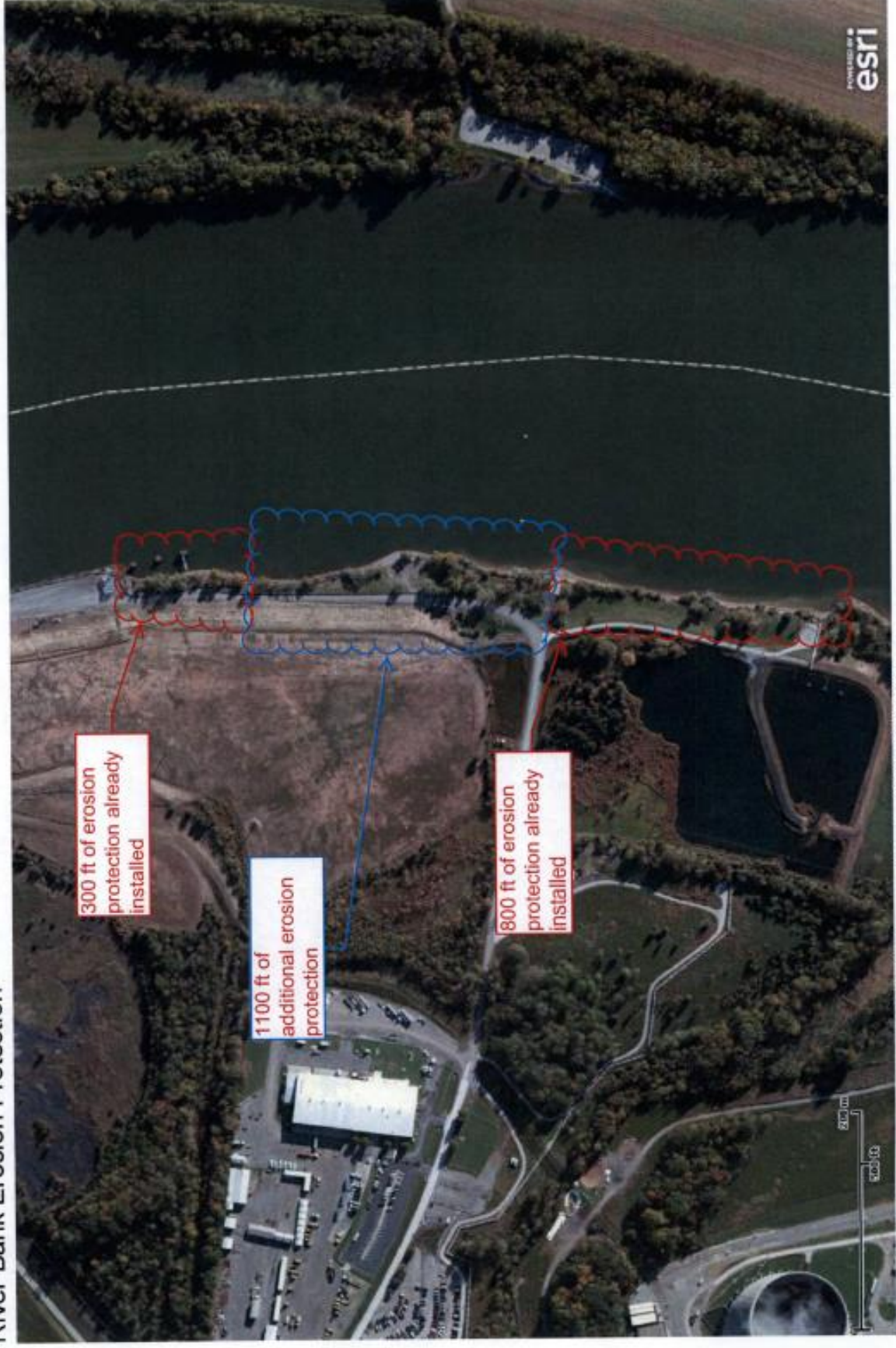


**Location:**



# TVA - Watts Bar Fossil

River Bank Erosion Protection



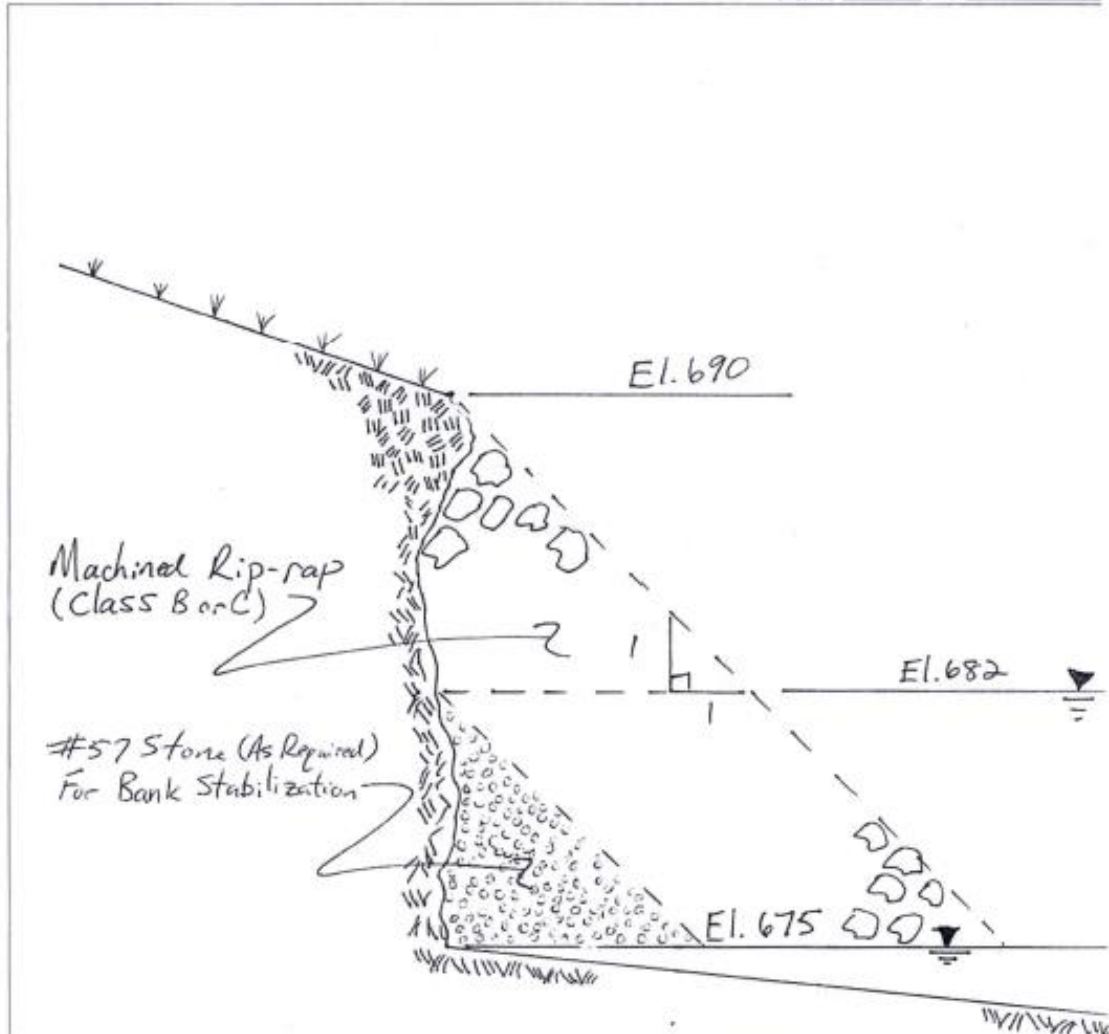
**Design Details:**

Watts Bar Fossil  
River Bank Remediation Adjacent  
to Ash Pond Dike

SHEET 1 OF 1

COMPUTED JDM DATE 9/22/15

CHECKED DATE



Cross Section

TN DEPT OF ENVIRONMENT  
AND CONSERVATION

SEP 25 2015

DIV OF WATER RESOURCE  
RECEIVED